

Adding OfficeWriter to your .NET Application

Making OfficeWriter available to your applications

There are several steps to make OfficeWriter available to your .NET applications:

1. [Install OfficeWriter](#)
2. [Include System.Web](#)
3. [Add references to OfficeWriter](#)
4. [Include OfficeWriter in your code](#)

Add a reference to System.Web

All of the OfficeWriter API objects ([ExcelTemplate](#), [ExcelApplication](#), [PowerPointTemplate](#), [PowerPointApplication](#), [WordTemplate](#), [WordApplication](#)) have the output options for saving to disk, saving to memory stream, streaming to user in a page response. The last output option, streaming to the user, has a dependency on `System.Web`. If you are developing a web application, the reference to `System.Web` should have been added automatically. For other types of applications, you may need to add this reference.

If you are using Visual Studio .NET:

1. Right-click the project name in the Solution Explorer and choose Add Reference.
2. Click System and locate System.Web



If you are compiling against .NET 4.0, make sure to [use the full profile](#). The default profile does not include `System.Web`.

Add a reference to OfficeWriter

There are two ways to do this:

- Make OfficeWriter available to a single application
- Make OfficeWriter available for all applications on machine

Method #1: Adding OfficeWriter to a specific application

1. At the top level of your application, create a directory call **bin**.
2. Copy `SoftArtisans.OfficeWriter.ExcelWriter.dll`, `SoftArtisans.OfficeWriter.PowerPointWriter.dll`, or `SoftArtisans.OfficeWriter.WordWriter.dll` from the install directory to your application's bin directory.

If you are using Visual Studio .NET:

1. Right-click the project name in the Solution Explorer and choose Add Reference.
2. Click Browse and navigate to `C:\Program Files\SoftArtisans\OfficeWriter\bin`.
3. Choose `Softartisans.OfficeWriter.ExcelWriter.dll`, `SoftArtisans.OfficeWriter.PowerPointWriter.dll`, or `SoftArtisans.OfficeWriter.WordWriter.dll` and click Open.
4. Click OK.

Method #2: Making OfficeWriter available to all applications on a machine

Step 1: Install OfficeWriter in the Global Assembly Cache (GAC)

These instructions can be used for installing `SoftArtisans.OfficeWriter.ExcelWriter.dll`, `SoftArtisans.OfficeWriter.PowerPointWriter.dll` or `SoftArtisans.OfficeWriter.WordWriter.dll` in the GAC; remember to change 'ExcelWriter' to 'WordWriter' or 'PowerPointWriter' depending on the dll you wish to install:

1. Open a command prompt window and move to the directory `OfficeWriter\bin\dotnet20\`.
2. Enter `gacutil /i SoftArtisans.OfficeWriter.ExcelWriter.dll`.
3. Open the file **machine.config** (in `[Windows directory]\Microsoft.NET\Framework[.NET version directory]\CONFIG`).

Step 2: Reference the copy of OfficeWriter in the GAC in machine.config or web.config

Add the following line to the **assemblies** node of machine.config:

```
<add assembly="Softartisans.OfficeWriter.ExcelWriter,
    Version=x.x.x.x, Culture=neutral, PublicKeyToken=f593502af6ee46ae"/>
```

You may need to add the **assemblies** parent node to machine.config under the **configuration** node.

OR

Create a text file containing the following lines, and save it as **web.config**. Save web.config at the top level of your application.

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <system.web>
    <compilation>
      <compilers>
      </compilers>
      <assemblies>
        <add assembly="Softartisans.OfficeWriter.ExcelWriter,
            Version=x.x.x.x,
            Culture=neutral,
            PublicKeyToken=f593502af6ee46ae"/>
        <add assembly="*" />
      </assemblies>
    </compilation>
  </system.web>
</configuration>
```

The version attribute of the add assembly node must correspond **exactly** to the version of Softartisans.OfficeWriter.<Excel/Word>Writer.dll added to the GAC. If you add a new version of Softartisans.OfficeWriter.<Excel/Word>Writer.dll to the GAC using the gacutil command, update the dll version attributes in machine.config. To get the exact version of Softartisans.OfficeWriter.<Excel/Word>Writer.dll, right-click the file and select the Properties tab.

Include OfficeWriter in your code

On any page that uses OfficeWriter, make sure to add the appropriate using statements:

```
using SoftArtisans.OfficeWriter.ExcelWriter; //For ExcelWriter
using SoftArtisans.OfficeWriter.WordWriter; //For WordWriter

using SoftArtisans.OfficeWriter.PowerPointWriter; //For PowerPointWriter
```

As mentioned above, you will also need to make sure that System.Web is included in your project.